AMENDMENTS TO THE CLAIMS

The listing of claims below replaces all prior versions of claims in the application.

1. (Currently Amended): A gas turbine plant ~~comprises~~ comprising:

a high-temperature gas-cooled reactor which warms a coolant by thermal energy being obtained by nuclear fission of clad fission products in coated-particle fuels;

at least a first gas turbine, a second gas turbine and a third gas turbine;

[[a]] the first gas turbine that is rotated by the coolant being warmed by the high-temperature gas-cooled reactor and shares a first [[same]] shaft with a first compressor compressing the coolant;

the second gas turbine that is rotated by the coolant being discharged from the first gas turbine and shares a second shaft with a second compressor compressing the coolant;

~~a second~~ the third gas turbine that is rotated by the coolant being discharged from the [[first]] second gas turbine and shares a third [[same]] shaft with a generator performing electrical power generation operation; and

a bypass pathway that allows the coolant to bypass ~~that has~~ the ~~second~~ third gas turbine ~~bypassed to the coolant~~;

wherein, during [[the]] a rated load operation, [[the]] a flow volume of the coolant flowing through the bypass pathway is controlled so as to make the rotating speed of the [[first]] second gas turbine fall within a range of a predetermined rotating speed.

2. (Withdrawn): A gas turbine plant as described in Claim 1:

wherein, the bypass pathway is provided with an orifice to control a flow volume of the coolant flowing through the bypass pathway.

3. (Currently Amended): A gas turbine plant as ~~described~~ in [[Claim]] claim 1:

wherein, the bypass pathway is provided with bypass valves to control [[a]] the flow volume of the coolant flowing through the bypass pathway.

4. (Cancel).

5. (Withdrawn): A gas turbine plant as described in Claim 2:

wherein, "n" ("n" is an integer number being more than one (1)) units of compressors are provided and at a same time, the first gas turbines being connected to "n" shafts and sharing same shafts with the "n" units of compressors, respectively, are provided.

6. (Cancel).

7. (New) A gas turbine plant as in claim 1:

wherein, the bypass pathway that allows the coolant to bypass the second gas turbine is provided from upstream of the second gas turbine to downstream of the second gas turbine.

8. (New) A gas turbine plant comprising:

a high-temperature gas-cooled reactor;

a generator;

a number "n- 1" of compressors;

a number "n" of gas turbines which are respectively connected with the compressors and the generator via a number "n" of shafts; and

a bypass pathway that allows the coolant to bypass the "n"th gas turbine included in the gas turbines; wherein

the high-temperature gas-cooled reactor warms a coolant by thermal energy being obtained by nuclear fission of clad fission products in coated-particle fuels,

a first gas turbine included in the gas turbines is rotated by the coolant discharged from the high-temperature gas-cooled reactor,

an "n-1"th gas turbine included in the gas turbines is rotated by the coolant discharged from a gas turbine located upstream of the "n-1"th gas turbine, and

an "n"th gas turbine included in the gas turbines is rotated by the coolant discharged from the "n-1"th gas turbine ("n" is an integer number being equal or more than "3").

9. (New) A gas turbine plant as in claim 8:

wherein, the bypass pathway is provided with bypass valves to control the flow volume of the coolant flowing through the bypass pathway.

10. (New) A gas turbine plant comprising:

a high-temperature gas-cooled reactor;

a generator;

a number "n-1" of compressors;

a number "n" of gas turbines which are respectively connected with the compressors and the generator via a number "n" of shafts; and

a number "n-1" of bypass pathways that includes an "n-2"th bypass pathway that allows the coolant to bypass an "n-1"th gas turbine included in the gas turbines, and an "n-1"th bypass pathway that allows the coolant to bypass an "n"th gas turbine included in the gas turbines; wherein

the high-temperature gas-cooled reactor warms a coolant by thermal energy being obtained by nuclear fission of clad fission products in coated-particle fuels,

a first gas turbine included in the gas turbines is rotated by the coolant discharged from the high-temperature gas-cooled reactor,

an "n-1"th gas turbine included in the gas turbines is rotated by the coolant discharged from a gas turbine located upstream of the "n-1"th gas turbine, and

an "n"th gas turbine included in the gas turbines is rotated by the coolant discharged from the "n-1"th gas turbine ("n" is an integer number being equal or more than "3").

11. (New) A gas turbine plant as in claim 10:

wherein, the bypass pathways are provided with bypass valves to control the flow volume of the coolant flowing through the bypass pathway.